

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 396  | wavelength and (ring near3 resonator) and ((mach adj zehnder) or "MZI")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/05 12:49 |
| S2    | 41   | (wavelength and (ring near3 resonator) and ((mach adj zehnder) or "MZI")).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/05 12:16 |
| S4    | 3    | ("200208815").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/05 12:10 |
| S17   | 9    | S2 and heater  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/05 12:22 |
| S18   | 4    | ((("20030072534") or ("20030128922"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/05 12:22 |
| S19   | 147  | wavelength and (ring near3 resonator) and ((mach adj zehnder) or "MZI") and add and drop   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/05 12:49 |
| S20   | 166  | wavelength and (ring near3 resonator) and ((mach adj zehnder) or "MZI") and add\$3 and drop\$3                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/05 12:50 |
| S21   | 0    | ("2005/0068602").URPN.   | USPAT   | OR               | ON      | 2007/01/05 13:13 |
| S22   | 0    | ("2005/0058396").URPN.   | USPAT   | OR               | ON      | 2007/01/05 13:13 |
| S23   | 8    | ("20040145025"   "20040218849"   "4999686"   "5117469"   "5517517"   "5659646"   "5706374"   "6621972").PN. OR ("7006744").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/01/05 13:25 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S24 | 41 | (mach adj zehnder) and (phase with<br>modulat\$4 with heater) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:22 |
|-----|----|---|---|----|----|------------------|